

FROM TREXLER ETAL.

(THU) 5. 5' 05 15:28/ST. 15:26/NO. 4860347959 P 7

Response to Office Action Mailed 8 February 2005
Application No. 10/079,449
Attorney Docket No. 2089/42100 Casc PA3 TMM

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Disk data storage media comprising a disk having first and second disk surfaces and an optical disk edge surface with at least one of said first and second disk surfaces being an optical disk surface formed to store a first set of data and said edge surface comprising a substantially smooth surface having an underlying layer comprising being formed to store a second set of data, wherein said first set of data can be used independently of said second set of data.
- 2.-6. (Canceled)
7. (Original) Disk data storage media as claimed in claim 1 in which the disk edge surface is readable and writable.
8. (Cancelled)
9. (Previously Presented) Disk data storage media as claimed in claim 1 in which the first and second disk surfaces have a maximum diameter, and the disk edge surface is enlarged and within the confines of said maximum diameter.
10. (Original) Disk data storage media as claimed in claim 9 in which the enlarged disk edge surface is formed by increasing the thickness of the disk adjacent the disk edge.

11. (Original) Disk data storage media as claimed in claim 9 in which the enlarged disk edge surface is formed by creating an angled annular surface extending from at least one of the first and second disk surfaces.
12. (Original) Disk data storage media as claimed in claim 11 including a pair of opposed, angled surfaces that define a generally triangular cross-section having an apex at the edge surface of the disk.
13. (Original) Disk data storage media as claimed in claim 9 in which the enlarged disk edge surface is formed by an angled surface extending from the first to the second disk surfaces.
14. (Original) Disk data storage media as claimed in claim 9 in which the enlarged disk edge surface is formed by an annular flange extending from at least one of the first and second disk surfaces.
15. (Original) Disk data storage media as claimed in claim 1 in which the edge surface is formed with at least two layers, each layer being adapted to store data.
16. (Original) Disk data storage media as claimed in claim 1 in which the disk edge surface includes data to permit monitoring of physical characteristics of the disk and the movement of the disk.

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17. (Previously Presented) Disk data storage media as claimed in claim 1 in which the disk edge surface includes data to permit monitoring of the tilt, vibration or rotation speed of the disk.

18. (Previously Presented) Disk data storage media as claimed in claim 1 in which the optical disk has a maximum diameter, and the disk edge surface is formed to receive material having a surface to store data, wherein said material does not extend beyond said maximum diameter.

19. (Previously Presented) Disk data storage media as claimed in claim 18 in which the disk edge surface is formed with a groove to receive said material.

20. (Previously Presented) Disk data storage media as claimed in claim 18, wherein said material comprises at least one wire.

21. (Currently Amended) In disk data storage media comprising a disk having first and second disk surfaces, at least one of said disk surfaces being an optical disk surface formed to store a first set of data, and an optical disk edge surface, the improvement comprising forming a substantially smooth surface having an underlying layer comprising a second set of data on said of the disk edge surface, said first set of data being usable independently of said second set of data to store data.

22. (Currently Amended) A method of storing additional data on disk data storage media in the form of a disk with first and second disk surfaces having at least one data storage surface for

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storing a first set of data, comprising storing a second set of data on a layer underlying a substantially smooth surface of an the optical disk edge surface of the disk so that said first set of data is usable independently of said second set of data.

23-29. (Canceled)

30. (Currently Amended) A method of converting disk data storage media in the form of a disk with first and second disk surfaces, at least one of said first and second disk surfaces being an optical disk surface formed to store a first set of data, into a disk with additional storage, comprising the steps of: preparing an underlying layer formed to receive a second set of data an optical edge surface of the disk; and applying a substantially smooth surface on said layer to define an optical disk for storage of data to the optical edge surface, said first set of data being usable independently of said second set of data.

31. (Currently Amended) A method of forming disk data storage media comprising the steps: mounting a pair of disk platters, at least one of said platters being formed to store a first set of data, back to back to define an annular perimeter space therebetween; and mounting a substantially smooth surface, having an underlying layer formed to receive a second set of data, an optical data storage surface in the perimeter space to define an optical disk edge surface, said first set of data being usable independently of said second set of data.